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Sir:

Transmitted herewith for filling is the patent application of

Inventor: Howard E. Johnson, Jr.

For: EARTH LOOP INSTALLATION WITH SONIC DRILLING

Enclosed are:

X

Certificate of Express Mail No. EL 404577917 US

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Specification, total 26 pages; including unnumbered title sheet & numbered text pages 1- 21; claims (1-22) on pp. 22-34; Abstract on numbered p. 25; 3 sheets drawings; extra set drawings for PTO Examiner; extra set claims for PTO Examiner

The filing fee has been calculated as shown below:

For:	No. Filed	No. Extra	
Basic Fee			
Total Claims	22-20 =	*2	
Indep Claims	2-3 =	*0	

Applicant is a Small Entity

Rate Fee

\$ 375

x 9 = \$ 18

x 42 = \$
+125 = \$0

Total \$ 393

Rate Fee \$ 750

x 22 = \$ 0

x 78 = \$ 0

+250 = \$ 0

Total \$ 750

X

NO Filing fee, no executed Declaration enclosed

Respectfully submitted,

Date: 3 July 2003

PMB 347

16690 Champion Forest Drive Spring, Texas 77379-7023

Guy McClung, Reg. No. 29,008

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Examiner:

Applicant: Johnson

Filed: Herewith (3 July 2003)

Serial No.:

§ Atty File: AMME 010

For: Earth Loop Installation With

Sonic Drilling

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Guy McClung Reg, No. 29,008

(name of person mailing)

Date of Signature

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